



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
**Govind Ballabh Pant University of Agriculture & Technology**



Udham Singh Nagar, Pantnagar, Uttarakhand

## Agromet Advisory Bulletin

Date : 27-09-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-09-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-28	2022-09-29	2022-09-30	2022-10-01	2022-10-02
Rainfall(mm)	2.0	1.0	1.0	0.0	0.0
Tmax(°C)	32.0	32.0	32.0	33.0	33.0
Tmin(°C)	17.0	17.0	17.0	17.0	16.0
RH-I(%)	80	75	75	70	70
RH-II(%)	55	50	45	40	40
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	140	130	130	130	130
Cloud Cover(Octa)	2	2	1	1	1

### Weather Summary/Alert:

In the last seven days (20 – 26 Sept, 2022), there was 135.6 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 29.0 to 33.5°C and 22.0 to 25.9°C respectively. Relative humidity ranges from 83 to 95 % at 0712 hrs and 67 to 80 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 0.8 to 11.4 km/hour. In the coming five days, weather will remain clear but very light rain or p-cloudy sky may likely occur from 27 to 29 September. Maximum & minimum temperature may range from 32.0 to 33.0 deg C & 16.0 to 17.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the SE direction. As per ERF, rainfall will be below normal and maximum & minimum temperature will be normal in the state from 2 to 8 October.

### General Advisory:

NDVI map received from the India Meteorological Department dated indicated that agriculture vigor is moderate to good in the district. Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). As per ERF, rainfall, maximum & minimum temperature will be normal in the state from 28 Sept to 4 October, so farmers can do necessary agricultural operation in their field during that period. Remove excess water from the fodder crop so that the field dries up and the fallen crop can be raised.

### SMS Advisory:

In the coming five days, weather will remain clear but very light rain or p-cloudy sky may likely occur from 27 to 29 September.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	On the occurrence of Brown or white hopper in the crop, use 30 g of clothianidin 50 WG in 500 litre of water/ha and if there is a stem borer with hopper then, Fipronil 5 SC @ 1000ml/ha should be used. Spraying of chemical should be done by keeping in view the weather forecast.
CITRUS	If symptoms of citrus yellow mosaic virus is observed then prune the infected twigs and spray systemic insecticide such as imidacloprid 17.8 SL 1 ml/3 litre water or Thiamethoxam 25 WG @ 1g/3 litre water.
CARROT	In tarai region, sowing of carrots should be done in this month and in plains farmers can sow Asian and European varieties of carrots.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PAPAYA	On the occurrence of leaf mosaic virus in papaya plants, remove yellow and crumpled leaves from plants and destroy it or burn in soil. Spray Actara 50 WDG @ 2g/ 5 liter of water. After physiological maturity, pre-ripen fruits are supposed to be harvested and wrapped in paper for further ripening. If left on plant for ripening there are chances of microbial infection and fruitfly damage.
BRINJAL	On the occurrence of white fly in brinjal, destroy the dry leaves and thiamethoxam 25 WG @ 200g/500 lit of water per hectare should be sprayed.
POTATO	Field should be prepared & apply 200-250 Quintal dung manure in the field and seed should be sown @ 20-25 Q/Ha till the end of this month.

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Sheep and goats must be given two vaccines of tetanus toxoid, one at 4 months and the other at 5 months, so that newborn lambs do not get a disease called tetanus.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	Deworming doses should be given to the poultry birds on the recommendation of veterinarian because worms in the poultry birds lessen the production capacity of eggs.